

XYSTOSOMUS ELAPHRINUS BATES IN PERU
(COLEOPTERA: CARABIDAE: BEMBIDIINI)

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During a holiday trip in South America in July, 1977, my brother, Gérard H. Perrault, went to Yanamono, a tourist lodge 80 km north of Iquitos, in the Amazon lowlands of Peru. Collecting was poor, except for many specimens of ants. However, while searching in the forest at the edge of the clearing, he found 2 specimens of Carabidae under the dehiscent bark of a log together with a few adult and many pupal Passalidae.

The carabid specimens undoubtedly belong to *Xystosomus elaphrinus* Bates. One specimen is a male, and the median lobe was studied. This record extends the known distribution (Erwin 1973) about 800 km upstream along the Amazon River from the nearest known record at Teffe, Brazil.

These specimens evidently belong to the northern form as described by Erwin: Elytral puncture rows 1 and 2 are composed of small punctures vanishing in apical half; rows 3 to 8 have coarse punctures at base, only a few in row 3 but in row 6 reaching the middle of the elytra. The punctures in rows 3 to 6 become gradually smaller apically as the striae become shallower, the striae being grooved near the base. Only striae 7 and 8 are grooved and coarsely punctate to the apex.

Erwin noted that a color character separates the southern and northern forms as known to him. However, the color character probably is not a decisive one; the Peru specimens have the testaceous legs of the southern form whereas all the other characters relate them to the northern form.

REFERENCE CITED

- ERWIN, T. L. 1973. Studies of the subtribe Tachyina (Coleoptera: Carabidae: Bembidiini) Part I: A revision of the Neotropical genus *Xystosomus* Schaum. Smithsonian Contributions to Zoology 140:1-39.



LITERATURE NOTICES

The Insects of Virginia: No. 10. The Haliplidae of Virginia (Coleoptera: Adephaga), by J. F. Matta. 1976. Virginia Polytechnic Institute & State University Research Division Bulletin 109:1-26.

The Insects of Virginia: No. 12. The Dytiscidae of Virginia (Coleoptera: Adephaga), by A. G. Michael and J. F. Matta. 1977. Virginia Polytechnic Institute & State University Research Division Bulletin 124:1-53.

Species composition of carrion beetles in a mixed-oak forest, by P. P. Shubeck, N. M. Downie, R. L. Wenzel and S. B. Peck. 1977. The William L. Hutcheson Memorial Forest Bulletin (Rutgers University Botany Department) 4(1):12-17.